

Title (en)

MOUNTING DEVICE AND METHOD FOR THE AUTOMATED DRILLING OF HOLES IN BUILDING WALLS WITH AUTOMATED DETECTION OF WEAR MARKS ON THE DRILL

Title (de)

MONTAGEVORRICHTUNG UND VERFAHREN ZUM AUTOMATISIERTEN BOHREN VON LÖCHERN IN GEBÄUDEWÄNDE MIT EINER AUTOMATISIERTEN ERKENNUNG VON VERSCHLEISSMARKEN AM BOHRER

Title (fr)

DISPOSITIF DE MONTAGE ET PROCÉDÉ DE PERÇAGE AUTOMATISÉ DE TROUS DANS DES PAROIS DE BÂTIMENT COMPRENANT LA DÉTECTION AUTOMATISÉE DE MARQUES D'USURE AU NIVEAU DU FORET

Publication

**EP 3887300 A1 20211006 (DE)**

Application

**EP 19798664 A 20191112**

Priority

- EP 18208422 A 20181127
- EP 2019081018 W 20191112

Abstract (en)

[origin: WO2020108982A1] The invention relates to a mounting device (14) and to a method for the automated drilling of holes (15) in building walls. The mounting device (14) has a drilling device (40) having a drill (41), an optical detection device (35) for detecting a digital image (42) of at least a part of the drill (41) of the drilling device (40), and a control device (37) for controlling the drilling device (40) and the optical detection device (35). The control device (37) is provided to evaluate the aforementioned digital image and, in doing so, to assess a condition of the drill (41).

IPC 8 full level

**B66B 19/00** (2006.01); **B23Q 17/24** (2006.01); **B25J 9/16** (2006.01)

CPC (source: EP US)

**B23Q 17/2457** (2013.01 - EP US); **B23Q 17/249** (2013.01 - EP US); **B25J 9/1697** (2013.01 - US); **B66B 19/00** (2013.01 - EP); **B66B 19/002** (2013.01 - EP); **B25J 9/1697** (2013.01 - EP); **B66B 19/00** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020108982 A1 20200604**; CN 113015687 A 20210622; CN 113015687 B 20230714; EP 3887300 A1 20211006; US 2022080546 A1 20220317

DOCDB simple family (application)

**EP 2019081018 W 20191112**; CN 201980074425 A 20191112; EP 19798664 A 20191112; US 201917309112 A 20191112